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ing no affinity or parallelism with any thing that is now known, but lying entirely out of the beat of the imagination, which have not yet been found out. They too, no doubt, will some time or other, in the course and revolution of many ages, come to light of themselves, just as the others did; only by the method of which we are now treating they can be speedily and suddenly and simultaneously presented and anticipated.''

These suggestions constitute the recommendation of this preliminary report.

THEODORE W. RICHARDS, *Chairman*
HARVEY CUSHING,
RICHARD MACLAURIN,
T. H. MORGAN,
E. H. MOORE

SCIENTIFIC NOTES AND NEWS

THE award of the Bruce Gold Medal of the Astronomical Society of the Pacific, for 1915, has been made to Dr. W. W. Campbell, director of the Lick Observatory, "for distinguished services to astronomy." Candidates for this medal are nominated annually by the directors of the Berlin, Greenwich, Paris, Harvard, Lick and Yerkes Observatories, and from these the medalist is elected by the directors of the society.

DR. JOHN C. BRANNER has submitted his resignation as president of Stanford University to take effect on July 31.

PROFESSOR G. O. SARS, professor of zoology in the University of Christiania, has been elected an honorary member in the Challenger Society.

At the annual exercises of the American Museum of Safety, held in New York on February 10, the following medals were awarded: The *Scientific American* medal for the most efficient safety device invented within a certain number of years and exhibited at the museum, to the Shurloc Elevator Safety Company, Inc., New York; the Travelers' Insurance Company's medal for protecting the lives and limbs of workmen, to the Commonwealth Edison Company of Chicago; the Louis Livingston Seaman medal for progress and achievement in the promotion of hygiene and the mitigation of occupational disease, to Surgeon-General William C. Gorgas, U. S. A.;

the E. H. Harriman memorial medal to the American steam railroad which during the year has been the most successful in protecting the lives and health of its employees and of the public, to the New York Central Railroad; the Anthony N. Brady memorial medal to that American electric railway company which for the year of the award shall have done most to conserve the safety and health of the public and of its employees, to the Boston Elevated Railway Company.

THE National Committee on Mental Hygiene met in New York City on February 17 when officers were elected as follows: *President*, Dr. Lewellys F. Barker; *vice-presidents*, Dr. Charles W. Eliot and Dr. William H. Welch; *treasurer*, Otto T. Bannard; *medical director*, Dr. Thomas W. Salmon; *secretary*, Clifford W. Beers; *executive committee*: Dr. August Hoch, chairman; Dr. George Blumer, Miss Julia C. Lathrop, Dr. William Mabon, Dr. William L. Russell and Dr. Lewellys F. Barker. Gifts of \$44,500 by Mrs. Elizabeth Milbank Anderson and \$40,000 by Mrs. William K. Vanderbilt for the general work were announced, and the Rockefeller Foundation has agreed to contribute for a series of years the money necessary to retain the services of Dr. Thomas W. Salmon, who has been medical director of the national committee for three years.

DR. CHARLES D. WALCOTT, secretary of the Smithsonian Institution, has received a letter to the effect that the Stazione Zoologica at Naples is in a somewhat serious condition financially, owing to the withdrawal of German support. The Smithsonian Institution maintains a table at the station, which is all it can do under existing conditions. The writer of the letter suggests that if our universities would take up some of the vacated tables, it would not only assist the station, but would eventually result in closer cooperation between our scientific men and those of Europe.

At the meeting of the Royal Geographical Society on January 11 the president made the following statement: "Before we come to the

business of the evening, I have a piece of news to tell you which I am sure you will be glad to hear. A very distinguished honor has been bestowed on our old friend and secretary, Dr. J. Scott Keltie. The American Geographical Society has conferred on him the Cullum gold medal, a medal which is given not annually but only on special occasions. I believe it has been given to only seven or eight people since it was founded, and amongst the holders have been Captain Scott, Dr. Nansen, Admiral Peary, and others of equal eminence. You will also be glad to hear that the council has made an arrangement by which, when Mr. Arthur Robert Hinks succeeds in March next to the posts of secretary and editor, Dr. Keltie will remain with us for another two years as joint editor of the *Journal*, and will thus be able to give his successor the help of his long experience when taking over these offices."

THE Spingarn medal of the National Association for the Advancement of Colored People, which is to be awarded annually to the man or woman of African descent and American citizenship who shall have made the highest achievement during the preceding year in any field of elevated or honorable human endeavor, was given to Dr. E. E. Just, of the Harvard University Medical School, for his work in physiology and in improving the standard of negro medical schools. The medal was presented by Governor Whitman at a meeting held in New York City on February 12.

M. ROBERT JONCKHEERE, of the University of Lille, is now at the Royal Observatory, Greenwich.

P. S. BARNHART, late assistant professor of zoology at the University of Southern California, and a member of the U. S. Fish Commission forces at Venice, California, has recently joined the staff of the Scripps Institution for Biological Research of the University of California, where he will arrange an aquarium for the exhibition of live animals and continue the development of the institution's museum of Pacific Ocean animals.

MR. B. F. GROUT, consulting engineer of Pittsburgh, who at one time was a professor in the school of mines of the University of Minnesota, has recently been engaged by the Minneapolis General Electric Company, in connection with the tests of the efficiencies of its turbines in the Coon Rapids Plant.

MR. ARTHUR G. WEIGEL, a graduate assistant in chemistry at the Massachusetts Agricultural College, has accepted a position as chemist in the Experiment Station at Stillwater, Oklahoma.

DR. HENRY S. PRITCHETT, president of the Carnegie Foundation, delivered the dedicatory address at the dedication on February 20 of the new Municipal Hospital of the city of Cincinnati.

BEFORE the Geographic Society of Chicago on February 26, a lecture will be given by Dr. Homer L. Shantz, plant physiologist, U. S. Department of Agriculture, on "The Natural Vegetation and Agriculture of the Great Plains and the Great Basin."

DR. CHARLES H. T. TOWNSEND, of Washington, D. C., delivered the principal address at the Tenth Annual Banquet of the Tompkins County Medical Society, held at Ithaca, N. Y., on February 16, his subject being "Veruga and its Transmission."

SIR W. WATSON CHEYNE delivered the Hunterian oration at the Royal College of Surgeons on February 15, his subject being "The Treatment of Wounds in War."

IN an address before the Surgical Society of Paris on February 6, Dr. Truffier is reported by the *Medical and Surgical Journal* to have said that of the 14,000 surgeons in the French army, 6,500 are now at the front. Up to the close of December 93 surgeons had been killed, 260 wounded, 440 were missing.

WE learn from *Nature* that the monument on the grave of the late Dr. Alfred Russel Wallace in the cemetery at Broadstone, Dorset, is a fine specimen of fossil tree from Portland, seven feet in height and weighing some two tons. The specimen stands on a foundation of Purbeck stone, and an inscription on

it indicates merely Dr. Wallace's name and dates of birth and death.

As we have already noted a monument has been erected at Finse, among the mountains of southern Norway, in memory of Captain Scott and his companions. We learn from the *Geographical Journal* that at the unveiling of the monument on December 28 by Dr. Skat-tum, vice-president of the Norwegian Geographical Society, made feeling reference to the noble characters and heroic deaths of the explorers. "Could anything," he asked, "be conceived more elevating from its grand ideality, than the conduct of Scott and his followers during their final death-march? It represented the very highest display of moral strength, the greatest possible exhibition of physical and mental fortitude and endurance." A second monument, subscribed for by Norwegian friends and admirers, and by British residents in Norway, will be erected at Fefor in Gudbrandsdalen, the place chosen by Scott for the trial of his motor sledges and other polar outfit. A memorial to Lieutenant Bowers, placed in Bombay Cathedral by his fellow-officers of the Royal Indian Marine, has also been lately unveiled, the ceremony being performed by Lord Willingdon, governor of Bombay. It is in the form of a simple tablet of marble, with an inscription quoting Captain Scott's tribute to Bowers as "cheerful, hopeful and indomitable to the end."

DR. JAMES J. SCANNELL, director of the bacteriological laboratory of the Boston Board of Health, died on February 19.

DR. ADAM MASSINGER, of the Heidelberg Observatory, has been killed in the war.

DR. O. K. SPRENGEL, surgeon-in-chief of the public hospital at Braunschweig and president of the German Surgical Association, has died from septic infection, professionally acquired, aged sixty-two years.

DR. WILLIAM J. MAYO and Dr. Charles H. Mayo, of Rochester, Minn., the distinguished surgeons, have decided to establish a \$1,000,000 foundation for medical research and to place the foundation, under certain restrictions, in the hands of the University of Minnesota

board of regents. It is planned that interest from the fund be used in research work at Rochester, open to graduate university medical students and leading to an additional degree granted by the university.

MIDDLEBURY COLLEGE has received for its botanical collection from Miss Annie Lorenz, of Hartford, Conn., a nearly complete set of the Hepatics of Vermont.

WE learn from the *British Medical Journal* that the statutory annual general meeting of the British Medical Association will be held this year, and also a meeting of the representative body, but at its meeting on January 27 the council decided that it would not be desirable, owing to the conditions brought about by the war, to hold the usual full annual meeting, with its scientific sections and social arrangements. A very large number of members of the association are directly occupied in work with the army in the field, or with the new armies that are being prepared, or in treating the wounded, while others not so engaged find the calls upon their time and energy, due to the withdrawal of so many medical men from ordinary practise, altogether unusual. Moreover, the annual meeting was to have been held this year in Cambridge, but the special circumstances of a university town deprived of many of its teachers and students by the war, and heavily committed to assist the Belgian universities, whose work has been suspended in their own country, make it impossible for Cambridge to maintain its invitation for this year.

THE *Journal* of the American Medical Association states that medical students from the University of Toronto will largely compose the staff of the Clearing Hospital which will accompany the Second Canadian Contingent to France. Between forty and fifty fifth-year medical students will be taken following a request for volunteers. They will be given credit for their year on enlisting. The organization of the unit is in charge of Dr. George S. Rennie, Hamilton, Ont. When it arrives in France it will be in charge of Dr. Wallace A. Scott, Toronto, who went with the first contingent. Accompanying it will be Dr. George

S. Strathy and Dr. L. Bruce Robertson, Toronto, and Drs. Foster and James E. Davey, Hamilton. Dr. H. B. Yates, Montreal, is to be second in command to Dean Herbert S. Birkett of the medical faculty of McGill University and of the McGill University General Hospital, which is to go to France. The other officers who are to be appointed to the various ranks are: Drs. John M. Elder, John McCrae, J. George Adami, W. Henry P. Hill, Edward W. Archibald, A. Howard Pirie, L. J. Rhea, William G. Turner, C. P. Howard, Herbert M. Little, William B. Howell, Colin K. Russel, John W. Hutchinson, John C. Meakins, William W. Francis, J. A. MacMillan, R. H. M. Malone, Laurie H. McKim, and Mr. David Law, all of Montreal.

THAT Baltimore is gambling with the health of the people and the commerce of the port against the probability of an epidemic of the bubonic plague and that preventive measures ought to be taken to prevent a development of the plague here was stated by Dr. William C. Rucker, Washington, D. C., of the U. S. Public Health Service, in an address before the Public Health Conference, recently held in Baltimore, which is quoted in the *Journal* of the American Medical Association. He made it plain that every municipality that failed to take preventive measures is likely to find itself in the position of New Orleans, where the government, state and city authorities were spending hundreds of thousands of dollars to wipe out the bubonic plague, which might have been prevented, had there been a rodent survey of the city. The federal government has been willing to cooperate with the city authorities of Baltimore in making a rodent survey, but the city has refused to appropriate any money for such a purpose, although Health Commissioner Gorter has asked for such an appropriation.

NEW exhibits in the department of vertebrate paleontology of the American Museum of Natural History have recently been opened to the public. The first of these is a skeleton of *Scelidothorium*, which is a part of the Cope Pampean collection secured through the

generosity of the late Morris K. Jesup, former president of the museum. This animal belongs to the sloth family and is interesting anatomically in its approach to the anteaters. Two nearly perfect skulls of horned dinosaurs have been added to the reptile collection. These are a part of the collection made by the museum expedition to the Red Deer River, Alberta, in 1913. The skeleton of the giant carnivorous dinosaur, *Tyrannosaurus*, is being mounted in the Pleistocene hall, and the new duck-billed dinosaur, *Corythosaurus*, in the dinosaur hall.

UNIVERSITY AND EDUCATIONAL NEWS

GIFTS of \$25,000 to Yale University were announced at a meeting of the Yale Corporation held on February 15. Mrs. Charles W. Goodyear and Anson Conger Goodyear, of Buffalo, N. Y., have given \$15,000 for the establishment of the Charles W. Goodyear fund in the Forestry School. The income of \$10,000 from John B. Thomas, of New York, is to be used for providing for lectures by men of distinction on "The Real Purpose of the College Course," and kindred topics. These lectures are planned primarily for the academic freshmen.

THE new science building at Goshen College which is in process of construction will be dedicated on May 27. The principal address will be delivered by Dr. Eugene Davenport, dean of the college of agriculture and director of experimental station of the University of Illinois. This event will also mark the formal opening of the new departments of agriculture and domestic science at Goshen College.

THE University of Oregon has just completed a new psychological laboratory for both practise and research work. It consists of a suite of nine rooms, in addition to the lecture room, all of which are equipped with power circuits, gas, compressed air and an intercommunicating system of wires and speaking tubes.

AT Yale University, Lorande Loss Woodruff, Ph.D. (Columbia), assistant professor in the Sheffield Scientific School, has been elected professor of biology in Yale College.